

2017 WSU Variety Testing Spring Barley, Farmington

Variety Name <i>Hulless Italicized</i>	2017					2 Year	3 Year	5 Year
	YIELD (LBS/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLUMP (%)	PLANT HT	AVERAGE (LBS/A)	AVERAGE (LBS/A)	AVERAGE (LBS/A)
RELEASED VARIETIES								
Claymore	3956	50.1	10.4	77	32	5048	5202	
Lyon	3943	51.6	10.5	84	28	4840	5130	5320
Survivor (07MWA-203)	3915	52.6	10.5	86	30	4659	4943	
Champion	3904	53.5	9.6	80	31	4852	5025	5316
Altorado (BZ509-601)	3755	52.4	10.4	73	29	4639		
Muir	3713	50.6	11.0	81	30	4588	4866	5053
LCS Vespa	3560	51.7	11.1	83	27	4699	5001	5039
LCS Odyssey	3526	50.3	10.4	91	28	4889	5220	5185
AAC Synergy	3501	50.4	9.9	88	32			
Oreana	3497	51.7	10.7	73	25	4456	4840	
LCS Genie	3485	51.6	10.4	85	27	4617	4816	5044
Lenetah	3408	52.4	10.6	86	30	4475	4784	5141
Explorer	3396	51.7	10.4	92	25			
Havener	3350	60.2	10.9	23	30	4057	4192	4147
CDC Copeland	2941	47.8	10.9	82	30	4369	4549	4797
EXPERIMENTAL LINES								
11WA-107.36	4167	52.9	10.9	80	31			
10WA-106.18	4090	53.2	10.6	80	33	4897	5076	
11WA-107.43	3957	53.4	10.0	86	31	4730		
11WA-107.58	3911	53.2	11.5	89	33	4724		
10WA-106.20	3850	52.7	10.3	87	32	4839		
12WA-120.8	3754	50.8	10.3	86	33			
12WA-120.23	3703	50.7	10.1	83	32			
12WA-120.14	3491	50.4	10.6	88	30	4430		
10WA-107.8	3250	56.3	11.0	54	28			
C.V. %	8	2	8	5	5	8	7	8
LSD (0.05)	390	1.2	1.1	6	2	420	310	267
Average	3668	52.2	10.5	80	30	4656	4896	5005
Highest	4167	60.2	11.5	92	33	5048	5220	5320
Lowest	2941	47.8	9.6	23	25	4057	4192	4147

Agronomic Information

Planting Date:	5/10/2017
Harvest Date:	9/5/2017
Seeding Rate (seeds/ft ²):	27
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	74
P (ppm-bicarb) 2-ft sample	41
S (lb/ac) 2-ft sample	16
pH (top six inches)	5.81

Herbicide:
Huskie & Tilt applied at herbicide timing

Trial Notes:

1. The Farmington nursery was located about 5 miles south of Farmington, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Preplant fertilizer applied was 93#N.
3. Note that this location had a highly significant rep effect. Meaning, yields increased from one rep to another (for all entries). This trend was consistent across the trial and the data are still usable.

Cooperator: B. Nelson